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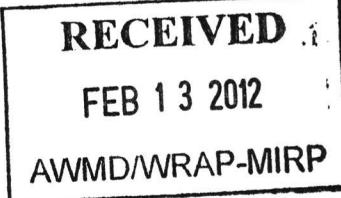
ENVIRONMENTAL PROJECT MANAGEMENT, LLC

6602 Montclair Ln., Madison, WI 53711

608.277.0575

February 9, 2012

Mr. Andrew Rackers  
Hazardous Waste Program, Permits Section  
Missouri Dept. of Natural Resources  
P.O. Box 176  
Jefferson City, MO 65102-0176



RE: Semi-Annual Progress Report  
Univar USA Inc., Expedited Corrective Action Program,  
St. Louis, Missouri. EPA ID# MOD084396985

Dear Mr. Rackers:

On behalf of Univar USA Inc. (Univar), Environmental Project Management is providing the Missouri Department of Natural Resources (MDNR) with two copies of the progress report for the above-identified Expedited Corrective Action Program (ECAP) project. This report covers the second half of 2011 and describes the completed activities, findings, and the planned future activities. A Final ECAP Report and a Corrective Measures Study Report for this project were previously submitted to the MDNR.

#### Completed Activities

The activities completed over the reporting period for the Univar ECAP St. Louis project consisted of the following:

- Submittal of the previous Progress Report for the first half of 2011.
- Completed field activities associated with a semi-annual groundwater sampling event.
- Evaluated the data generated from the field activities completed and prepared this report.

#### Findings

The field activities for this project were completed on December 21, 2011, and consisted of collecting a groundwater sample from each of the facility monitoring wells. The sampling activities were completed consistent with the scope of work and the Quality Assurance Project Plan (QAPP) prepared for this ECAP project. Prior to sampling, the water level in each monitoring well was measured. The water levels measurements for each well and the water level elevation are presented in Table 1. A water table contour map utilizing the water level data from Table 1 is presented in Figure 1. The configuration of the water table and the direction of groundwater flow shown in Figure 1 are consistent with previous data and observations.

The data from this sampling event, and all past ECAP sampling events at this facility, are summarized in Table 2. The complete laboratory analytical report from this groundwater sampling round is provided in Attachment 1. In addition, the concentration of the total volatile organic compounds (VOCs) for each groundwater sample from this round are also included in Figure 1, which illustrates the approximate distribution of VOCs in the groundwater across the

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facility. The water sampling logs summarizing the field data collected during this groundwater sampling round are provided in Attachment 2.

The December groundwater sample data shown in Table 2 are consistent with previous data from the facility monitoring wells. With the exception of Monitoring Well MW-8, all locations produced samples that decreased in total VOC concentration this event, relative to the prior sampling event. Monitoring Well MW-8 increased to VOC concentrations consistent with data from that location in 2010. Two monitoring wells continued to produce non-detectable concentrations (Monitoring Wells MW-1 and MW-2), while a third well also decreased to non-detectable concentrations (MW-2). Monitoring Well MW-7 produced a sample containing the lowest VOC concentration ever detected at that location.

The data from the quality assurance/quality control (QA/QC) samples collected during this sampling event are included in Table 2. The trip blank and field equipment blank samples from this groundwater sampling event did not contain any reported detections. A groundwater sample collected from Monitoring Well MW-2 was also submitted to the laboratory as a blind duplicate sample and produced identical results (non-detectable VOCs) to the original sample.

The ECAP investigation activities completed at this facility continue to demonstrate that the soil and groundwater environmental impacts are relatively limited. The overall groundwater analytical data generally shows a downward concentration trend due to natural degradation and attenuation processes.

#### Future Activities

The future ECAP investigation activities recommended at this time continue to be ongoing semi-annual groundwater sampling and analysis.

Please do not hesitate to contact Tony Pirelli of Univar at 262-250-1381, or myself at 608-277-0575, should you have any questions.

Sincerely,



Thomas C. Sullivan, P.G.  
Principal Scientist/Project Manager

Attachments (1 copy of Attachments 1 & 2 provided to MDNR)

cc: Tony Pirelli, Univar USA Inc. (w/o Attachments 1 & 2)  
Christine Jump, US EPA Region 7 (w/o Attachments 1 & 2)

**TABLE 1**  
**Water Level Elevations**  
**21-Dec-11**  
**Univar USA Inc.**  
**St. Louis, Missouri Facility**

Well Name	Measuring Point Elevation	Depth to Water (ft)	Water Level Elevation
MW-1	521.82	3.98	517.84
MW-2	523.92	3.78	520.14
MW-3	523.88	1.40	522.48
MW-4	528.64	4.23	524.41
MW-5	530.34	7.91	522.43
MW-6	527.56	10.01	517.55
MW-7	527.71	4.79	522.92
MW-8	523.92	3.87	520.05
MW-9	523.94	0.19	523.75

**TABLE 2. Summary of Groundwater Sample VOC Analytical Results, Univar USA Inc., Berkeley, Missouri**

<sup>1</sup>. Tier 1 RBTLs for indoor inhalation of vapor emissions, non-residential land use, soil type 2. <sup>2</sup>. Tier 1 RBTLs for dermal contact, non-residential land use, soil type 2.

### 3. US EPA Vapor Intrusion screening values following US EPA and ITRC Guidance utilizing RSLs for industrial air (See C)

4. US EPA Johnson & Ettinger Model Values, see CMS for detail. Values for  $10^{-6}$  (10<sup>-6</sup>)

All concentrations in milligrams per liter (mg/L) or parts per million (ppm). ND = none detected. NA = not analyzed. NE = none established. < = not detected at laboratory detection limit shown. All concentrations shown in bold.

**TABLE 2. Summary of Groundwater Sample VOC Analytical Results, Univar USA Inc., Berkeley, Missouri.**

	Tier 1 RBTL Vapor <sup>1</sup>	Tier 1 RBTL Dermal <sup>2</sup>	EPA RSL Vapor <sup>3</sup>	EPA J & E Model <sup>4</sup>	MW-2												
					3/9/2007	6/25/2007	10/15/2007	5/7/2008	9/22/2008	1/26/2009	5/7/2009	12/1/2009	5/26/2010	12/14/2010	5/17/2011	12/21/2011	12/21/2011 dup
Acetone	492,000	36,900	96,400	4010 (4010)	<0.025	<0.05	<0.025	<0.01	<b>0.018</b>	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	9	1.06	0.007	0.171 (1.71)	<0.005	<0.01	<0.005	<0.001	<b>0.0017</b>	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	NE	NE	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	447	270	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	12	1.17	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	2,420	11	0.5	2.12 (21.2)	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	8.78	8.98	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone	740,000	12,600	9,520	6960 (6960)	<0.025	<0.05	<0.025	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
n-Butylbenzene	119	3	NE	NE	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
sec-Butylbenzene	84	4	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
tert-Butylbenzene	128	4	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Carbon disulfide	189	115	5.25	106 (106)	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	0.670	0.171	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	178	11.9	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	25.7	33.1	97.8	0.838 (8.38)	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform	2.57	2.11	0.0035	0.062 (0.62)	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	5	14.4	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	244	7.64	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	0.95	6.49	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane	1410	0.0359	ND	ND	<0.005	<0.05	<0.025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Dibromochloromethane	51.4	0.932	ND	ND	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromoethane	NE	NE	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	NE	NE	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	12,000	292	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	633	6.87	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	21.2	1.64	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane	21.4	350	ND	ND	<0.005	<0.01	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	34.2	12.9	0.0335	285 (285)	<b>0.035</b>	<b>0.038</b>	<b>0.049</b>	<b>0.0213</b>	<b>0.043</b>	<b>0.0123</b>	<b>0.0028</b>	<b>0.0014</b>	<b>0.005</b>	<0.001	<b>0.0137</b>	<0.001	<0.001
1,2-Dichloroethane	8.28	1.29	0.01	0.078 (0.788)	<b>0.23</b>	<b>0.26</b>	<b>0.27</b>	<b>0.0719</b>	<b>0.23</b>	<b>0.0169</b>	<b>0.0065</b>	<b>0.0036</b>	<b>0.0206</b>	<b>0.0021</b>	<b>0.053</b>	<0.001	<0.001
1,1-Dichloroethene	72.3	74.4	0.203	37.6 (37.6)	<b>0.014</b>	<b>0.026</b>	<b>0.032</b>	<b>0.0148</b>	<b>0.036</b>	<b>0.0086</b>	<b>0.0018</b>	<0.001	<b>0.0034</b>	<0.001	<b>0.0093</b>	<0.001	<0.001
cis-1,2-Dichloroethene	93.6	23.4	NE	21.5 (21.5)	<b>0.23</b>	<b>0.26</b>	<b>0.44</b>	<b>0.218</b>	<b>0.52</b>	<b>0.144</b>	<b>0.0242</b>	<b>0.0141</b>	<b>0.0598</b>	<b>0.0125</b>	<b>0.132</b>	<0.001	<0.001
trans-1,2-Dichloroethene	86.8	34	1.53	30 (30)	<0.005	<0.01	<0.005	<b>0.0017</b>	<b>0.0048</b>	<0.001	<0.001	<0.001	<0.001	<0.001	<b>0.0011</b>	<0.001	<0.001
1,2-Dichloropropane	9.97	1.65	ND	ND	<0.005	<0.01	<0.005	<0.001									

**TABLE 2. Summary of Groundwater Sample VOC Analytical Results, Univar USA Inc., Berkeley, Missouri.**

	Tier 1 RBTL Vapor <sup>1</sup>	Tier 1 RBTL Dermal <sup>2</sup>	EPA RSL Vapor <sup>3</sup>	EPA J & E Model <sup>4</sup>	MW-3												
					3/9/2007	3/9/2007 Dup	6/25/2007	10/15/2007	5/7/2008	9/22/2008	1/26/2009	5/7/2009	12/1/2009	5/26/2010	12/14/2010	5/17/2011	12/21/2011
Acetone	492,000	36,900	96,400	4010 (4010)	<0.25	<0.1	<0.5	<0.25	<0.1	<b>0.017</b>	<1	<b>0.16</b>	<1	<1	<1	<0.5	<1
Benzene	9	1.06	0.007	0.171 (1.71)	<0.05	<0.02	<0.1	<0.05	<0.01	<b>0.0012</b>	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
Bromobenzene	NE	NE	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
Bromochloromethane	447	270	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
Bromodichloromethane	12	1.17	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
Bromoform	2,420	11	0.5	2.12 (21.2)	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
Bromomethane	8.78	8.98	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
2-Butanone	740,000	12,600	9,520	6960 (6960)	<0.25	<0.02	<0.5	<0.25	<0.1	<0.01	<1	<1	<b>0.0809</b>	<1	<1	<0.5	<1
n-Butylbenzene	119	3	NE	NE	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<b>0.0146</b>	<0.1	<0.1	<0.05	<0.1
sec-Butylbenzene	84	4	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
tert-Butylbenzene	128	4	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
Carbon disulfide	189	115	5.25	106 (106)	NA	NA	NA	NA	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.25	<0.5
Carbon tetrachloride	0.670	0.171	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
Chlorobenzene	178	11.9	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
Chloroethane	25.7	33.1	97.8	0.838 (8.38)	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
Chloroform	2.57	2.11	0.0035	0.062 (0.62)	<0.05	<0.02	<0.1	<0.05	<b>0.0305</b>	<b>0.035</b>	<b>0.0463</b>	<b>0.0626</b>	<b>0.0408</b>	<0.1	<0.1	<0.05	<0.1
Chlormethane	5	14.4	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
2-Chlorotoluene	244	7.64	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
4-Chlorotoluene	0.95	6.49	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
1,2-Dibromo-3-chloropropane	1410	0.0359	ND	ND	<0.05	<0.02	<0.5	<0.25	<0.025	<0.0025	<0.25	<0.25	<0.25	<0.25	<0.25	<0.125	<0.25
Dibromochloromethane	51.4	0.932	ND	ND	NA	NA	NA	NA	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
1,2-Dibromoethane	NE	NE	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
Dibromomethane	NE	NE	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
1,2-Dichlorobenzene	12,000	292	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
1,3-Dichlorobenzene	633	6.87	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
1,4-Dichlorobenzene	21.2	1.64	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
Dichlorodifluoromethane	21.4	350	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
1,1-Dichloroethane	34.2	12.9	0.0335	285 (285)	<b>0.2</b>	<b>0.21</b>	<b>0.28</b>	<b>0.32</b>	<b>0.321</b>	<b>0.33</b>	<b>0.33</b>	<b>0.348</b>	<b>0.274</b>	<b>0.294</b>	<b>0.181</b>	<b>0.257</b>	<b>0.236</b>
1,2-Dichloroethane	8.28	1.29	0.01	0.078 (0.788)	<b>2.7</b>	<b>2.9</b>	<b>3.3</b>	<b>3.2</b>	<b>2.28</b>	<b>2.9</b>	<b>2.7</b>	<b>2.62</b>	<b>1.99</b>	<b>2.25</b>	<b>1.57</b>	<b>1.91</b>	<b>1.6</b>
1,1-Dichloroethene	72.3	74.4	0.203	37.6 (37.6)	<b>0.11</b>	<b>0.12</b>	<b>0.34</b>	<b>0.33</b>	<b>0.295</b>	<b>0.45</b>	<b>0.373</b>	<b>0.382</b>	<b>0.27</b>	<b>0.321</b>	<b>0.207</b>	<b>0.274</b>	<b>0.226</b>
cis-1,2-Dichloroethene	93.6	23.4	NE	21.5 (21.5)	<b>0.45</b>	<b>0.46</b>	<b>0.61</b>	<b>0.88</b>	<b>0.921</b>	<b>1.5</b>	<b>1.76</b>	<b>1.61</b>	<b>2.83</b>	<b>2.88</b>	<b>2.79</b>	<b>3.44</b>	<b>4.15</b>
trans-1,2-Dichloroethene	86.8	34	1.53	30 (30)	<0.05	<0.02	<0.1	<0.05	<b>0.0123</b>	<b>0.057</b>	<0.1	<b>0.0115</b>	<b>0.0241</b>	<0.1	<0.1	<0.05	<0.1
1,2-Dichloropropane	9.97	1.65	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
1,3-Dichloropropane	NA	NA	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
2,2-Dichloropropane	NA	NA	ND	ND	<0.05	<0.02	<0.1	<0.05	<0.01	<0.001	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1
1,1-Dichloropropene	NA	NA	ND	ND	<0.05	<0.02	<0										

TABLE 2. Summary of Groundwater Sample VOC Analytical Results, Univar USA Inc., Berkeley, Missouri.

	Tier 1 RBTL Vapor <sup>1</sup>	Tier 1 RBTL Dermal <sup>2</sup>	EPA RSL Vapor <sup>3</sup>	EPA J & E Model <sup>4</sup>	MW-4											
					3/9/2007	6/25/2007	10/15/2007	5/7/2008	9/22/2008	1/26/2009	5/7/2009	12/1/2009	5/26/2010	12/14/2010	5/17/2011	12/21/2011
Acetone	492,000	36,900	96,400	4010 (4010)	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Benzene	9	1.06	0.007	0.171 (1.71)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromobenzene	NE	NE	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromochloromethane	447	270	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromodichloromethane	12	1.17	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromoform	2,420	11	0.5	2.12 (21.2)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromomethane	8.78	8.98	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2-Butanone	740,000	12,600	9,520	6960 (6960)	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
n-Butylbenzene	119	3	NE	NE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
sec-Butylbenzene	84	4	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
tert-Butylbenzene	128	4	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Carbon disulfide	189	115	5.25	106 (106)	NA	NA	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
Carbon tetrachloride	0.670	0.171	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chlorobenzene	178	11.9	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chloroethane	25.7	33.1	97.8	0.838 (8.38)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chloroform	2.57	2.11	0.0035	0.062 (0.62)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chloromethane	5	14.4	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2-Chlorotoluene	244	7.64	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
4-Chlorotoluene	0.95	6.49	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,2-Dibromo-3-chloropropane	1410	0.0359	ND	ND	<0.001	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
Dibromochloromethane	51.4	0.932	ND	ND	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,2-Dibromoethane	NE	NE	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Dibromomethane	NE	NE	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,2-Dichlorobenzene	12,000	292	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,3-Dichlorobenzene	633	6.87	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,4-Dichlorobenzene	21.2	1.64	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Dichlorodifluoromethane	21.4	350	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,1-Dichloroethane	34.2	12.9	0.0335	285 (285)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,2-Dichloroethane	8.28	1.29	0.01	0.078 (0.788)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,1-Dichloroethene	72.3	74.4	0.203	37.6 (37.6)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
cis-1,2-Dichloroethene	93.6	23.4	NE	21.5 (21.5)	<b>0.0028</b>	<b>0.0014</b>	<b>0.0083</b>	<b>0.0032</b>	<b>0.006</b>	<b>0.0016</b>	<b>0.0014</b>	<b>0.0021</b>	<b>0.0035</b>	<b>0.0031</b>	<b>0.001</b>	<b>0.0021</b>
trans-1,2-Dichloroethene	86.8	34	1.53	30 (30)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,2-Dichloropropane	9.97	1.65	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,3-Dichloropropane	NA	NA	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2,2-Dichloropropane	NA	NA	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,1-Dichloropropene	NA	NA	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
cis-1,3-Dichloropropene	5.29	1.09	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
trans-1,3-Dichloropropene	5.29	1.09	ND	ND	<0.001</td											

**TABLE 2. Summary of Groundwater Sample VOC Analytical Results, Univar USA Inc., Berkeley, Missouri.**

	Tier 1 RBTL Vapor <sup>1</sup>	Tier 1 RBTL Dermal <sup>2</sup>	EPA RSL Vapor <sup>3</sup>	EPA J & E Model <sup>4</sup>	MW-5											
					3/9/2007	6/25/2007	10/15/2007	5/7/2008	9/22/2008	1/26/2009	5/7/2009	12/1/2009	5/26/2010	12/14/2010	5/17/2011	12/21/2011
Acetone	492,000	36,900	96,400	4010 (4010)	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	9	1.06	0.007	0.171 (1.71)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	NE	NE	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	447	270	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	12	1.17	ND	ND	<0.001	<0.001	<0.001	<0.001	0.0044	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	2,420	11	0.5	2.12 (21.2)	<0.001	<0.001	<0.001	<0.001	0.0044	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	8.78	8.98	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone	740,000	12,600	9,520	6960 (6960)	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
n-Butylbenzene	119	3	NE	NE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
sec-Butylbenzene	84	4	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
tert-Butylbenzene	128	4	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Carbon disulfide	189	115	5.25	106 (106)	NA	NA	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	0.670	0.171	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	178	11.9	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	25.7	33.1	97.8	0.838 (8.38)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform	2.57	2.11	0.0035	0.062 (0.62)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	5	14.4	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	244	7.64	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	0.95	6.49	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane	1410	0.0359	ND	ND	<0.001	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Dibromochloromethane	51.4	0.932	ND	ND	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromoethane	NE	NE	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	NE	NE	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	12,000	292	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	633	6.87	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	21.2	1.64	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane	21.4	350	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	34.2	12.9	0.0335	285 (285)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	8.28	1.29	0.01	0.078 (0.788)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	72.3	74.4	0.203	37.6 (37.6)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	93.6	23.4	NE	21.5 (21.5)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	86.8	34	1.53	30 (30)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	9.97	1.65	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	NA	NA	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2,2-Dichloropropane	NA	NA	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	NA	NA														

**TABLE 2. Summary of Groundwater Sample VOC Analytical Results, Univar USA Inc., Berkeley, Missouri.**

	Tier 1 RBTL Vapor <sup>1</sup>	Tier 1 RBTL Dermal <sup>2</sup>	EPA RSL Vapor <sup>3</sup>	EPA J & E Model <sup>4</sup>	MW-6												
					3/9/2007	6/25/2007	6/25/2007 Dup	10/15/2007	5/7/2008	9/22/2008	1/26/2009	1/26/2009 dup	5/7/2009	12/1/2009	5/26/2010	12/14/2010	5/17/2011
Acetone	492,000	36,900	96,400	4010 (4010)	<0.25	<0.005	<0.005	<0.05	<0.01	<0.1	<0.1	<0.1	<0.01	<0.05	<0.01	<0.01	<0.01
Benzene	9	1.06	0.007	0.171 (1.71)	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
Bromobenzene	NE	NE	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
Bromochloromethane	447	270	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
Bromodichloromethane	12	1.17	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
Bromoform	2,420	11	0.5	2.12 (21.2)	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
Bromomethane	8.78	8.98	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
2-Butanone	740,000	12,600	9,520	6960 (6960)	<0.25	<0.005	<0.005	<0.05	<0.01	<0.1	<b>0.0093</b>	<b>0.0095</b>	<0.01	<0.05	<0.01	<0.01	<0.01
n-Butylbenzene	119	3	NE	NE	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
sec-Butylbenzene	84	4	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
tert-Butylbenzene	128	4	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
Carbon disulfide	189	115	5.25	106 (106)	NA	NA	NA	NA	<0.001	<0.05	<0.05	<0.05	<0.005	<0.025	<0.005	<0.005	<0.005
Carbon tetrachloride	0.670	0.171	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
Chlorobenzene	178	11.9	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
Chloroethane	25.7	33.1	97.8	0.838 (8.38)	<0.05	<0.001	<0.001	<0.01	<b>0.0058</b>	<0.01	<b>0.0085</b>	<b>0.0081</b>	<b>0.0411</b>	<b>0.0325</b>	<b>0.131</b>	<b>0.108</b>	<b>0.121</b>
Chloroform	2.57	2.11	0.0035	0.062 (0.62)	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
Chloromethane	5	14.4	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
2-Chlorotoluene	244	7.64	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
4-Chlorotoluene	0.95	6.49	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane	1410	0.0359	ND	ND	<0.05	<0.005	<0.005	<0.05	<0.025	<0.025	<0.025	<0.025	<0.0025	<0.0125	<0.0025	<0.0025	<0.0025
Dibromochloromethane	51.4	0.932	ND	ND	NA	NA	NA	NA	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
1,2-Dibromoethane	NE	NE	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
Dibromomethane	NE	NE	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	12,000	292	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	633	6.87	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	21.2	1.64	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
Dichlorodifluoromethane	21.4	350	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
1,1-Dichloroethane	34.2	12.9	0.0335	285 (285)	<b>0.57</b>	<b>0.13</b>	<b>0.12</b>	<b>1.3</b>	<b>0.688</b>	<b>0.745</b>	<b>0.361</b>	<b>0.399</b>	<b>0.138</b>	<b>0.208</b>	<b>0.0484</b>	<b>0.0496</b>	<b>0.118</b>
1,2-Dichloroethane	8.28	1.29	0.01	0.078 (0.788)	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
1,1-Dichloroethene	72.3	74.4	0.203	37.6 (37.6)	<b>0.087</b>	<b>0.014</b>	<b>0.012</b>	<b>0.24</b>	<b>0.165</b>	<b>0.109</b>	<b>0.0411</b>	<b>0.0461</b>	<b>0.0129</b>	<b>0.0277</b>	<b>0.0173</b>	<b>0.0096</b>	<b>0.0114</b>
cis-1,2-Dichloroethene	93.6	23.4	NE	21.5 (21.5)	<b>0.063</b>	<b>0.014</b>	<b>0.012</b>	<b>0.16</b>	<b>0.09</b>	<b>0.0943</b>	<b>0.0502</b>	<b>0.0545</b>	<b>0.0125</b>	<b>0.0243</b>	<b>0.0168</b>	<b>0.0082</b>	<b>0.0133</b>
trans-1,2-Dichloroethene	86.8	34	1.53	30 (30)	<0.05	<0.001	<0.001	<0.01	<b>0.0021</b>	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.001	<0.001
1,2-Dichloropropane	9.97	1.65	ND	ND	<0.05	<0.001	<0.001	<0.01	<0.001	<0.01	<0.01	<0.01	<0.001	<0.005	<0.001	<0.	

**TABLE 2. Summary of Groundwater Sample VOC Analytical Results, Univar USA Inc., Berkeley, Missouri.**

	Tier 1 RBTL Vapor <sup>1</sup>	Tier 1 RBTL Dermal <sup>2</sup>	EPA RSL Vapor <sup>3</sup>	EPA J & E Model <sup>4</sup>	MW-7														
					3/9/2007	6/25/2007	10/15/2007	10/15/2007 Dup	5/7/2008	5/7/2008 Dup	9/22/2008	9/22/2008 Dup	1/26/2009	5/7/2009	12/1/2009	5/26/2010	12/14/2010	5/17/2011	12/21/2011
Acetone	492,000	36,900	96,400	4010 (4010)	<12	<1.2	<b>0.16</b>	<b>0.11</b>	<0.01	<0.01	<b>0.017</b>	<b>0.021</b>	<0.05	<b>1.31</b>	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	9	1.06	0.007	0.171 (1.71)	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	NE	NE	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Bromo-chloromethane	447	270	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Bromo-dichloromethane	12	1.17	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	2,420	11	0.5	2.12 (21.2)	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	8.78	8.98	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone	740,000	12,600	9,520	6960 (6960)	<12	<1.2	<0.12	<0.1	<0.01	<0.01	<0.01	<0.01	<0.05	<b>0.129</b>	<0.01	<0.01	<0.01	<0.01	<0.01
n-Butylbenzene	119	3	NE	NE	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
sec-Butylbenzene	84	4	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
tert-Butylbenzene	128	4	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Carbon disulfide	189	115	5.25	106 (106)	NA	NA	NA	NA	<0.001	<0.001	<0.005	<0.005	<0.025	<0.025	<0.005	<0.005	<0.001	<0.001	<0.005
Carbon tetrachloride	0.670	0.171	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	178	11.9	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<b>0.0128</b>	<0.001	<0.001
Chloroethane	25.7	33.1	97.8	0.838 (8.38)	<2.5	<0.25	<b>0.046</b>	<b>0.048</b>	<b>0.0023</b>	<b>0.0022</b>	<0.001	<0.001	<b>0.0644</b>	<b>0.069</b>	<b>0.0162</b>	<b>0.0087</b>	<0.001	<b>0.0058</b>	<b>0.013</b>
Chloroform	2.57	2.11	0.0035	0.062 (0.62)	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	5	14.4	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	244	7.64	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	0.95	6.49	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane	1410	0.0359	ND	ND	<2.5	<1.2	<0.025	<0.02	<0.0025	<0.0025	<0.0025	<0.0025	<0.0125	<0.0125	<0.0025	<b>0.008</b>	<0.0025	<0.0025	<0.0025
Dibromochloromethane	51.4	0.932	ND	ND	NA	NA	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromoethane	NE	NE	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	NE	NE	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	12,000	292	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	633	6.87	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	21.2	1.64	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane	21.4	350	ND	ND	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	34.2	12.9	0.0335	285 (285)	31	<b>0.96</b>	1	<b>0.9</b>	<b>0.203</b>	<b>0.206</b>	<b>0.14</b>	<b>0.15</b>	<b>0.116</b>	<b>0.144</b>	<b>0.0661</b>	<b>0.132</b>	<b>0.0604</b>	<b>0.121</b>	<b>0.066</b>
1,2-Dichloroethane	8.28	1.29	0.01	0.078 (0.788)	<2.5	<0.25	<0.025	<0.02	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethylene	72.3	74.4	0.203	37.6 (37.6)	<2.5	<0.25	<0.025	<b>0.21</b>	<b>0.22</b>	<b>0.</b>									

**TABLE 2. Summary of Groundwater Sample VOC Analytical Results, Univar USA Inc., Berkeley, Missouri.**

	Tier 1 RBTL Vapor <sup>1</sup>	Tier 1 RBTL Dermal <sup>2</sup>	EPA RSL Vapor <sup>3</sup>	EPA J & E Model <sup>4</sup>	MW-8											
					3/9/2007	6/25/2007	10/15/2007	5/7/2008	9/22/2008	1/26/2009	5/7/2009	12/1/2009	5/26/2010	12/14/2010	5/17/2011	12/21/2011
Acetone	492,000	36,900	96,400	4010 (4010)	<0.25	<0.12	<0.025	<0.01	<b>0.019</b>	<0.1	<b>0.0271</b>	<0.1	<0.1	<0.1	<0.1	<0.1
Benzene	9	1.06	0.007	0.171 (1.71)	<0.05	<0.025	<0.005	<b>0.0033</b>	<b>0.0053</b>	<b>0.0036</b>	<b>0.0044</b>	<0.01	<0.01	<0.01	<0.01	<0.01
Bromobenzene	NE	NE	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromo(chloromethane	447	270	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	12	1.17	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromoform	2,420	11	0.5	2.12 (21.2)	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromomethane	8.78	8.98	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Butanone	740,000	12,600	9,520	6960 (6960)	<0.25	<0.12	<0.025	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
n-Butylbenzene	119	3	NE	NE	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
sec-Butylbenzene	84	4	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
tert-Butylbenzene	128	4	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Carbon disulfide	189	115	5.25	106 (106)	NA	NA	<0.001	<0.005	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbon tetrachloride	0.670	0.171	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorobenzene	178	11.9	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroethane	25.7	33.1	97.8	0.838 (8.38)	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroform	2.57	2.11	0.0035	0.062 (0.62)	<0.05	<0.025	<0.005	<0.001	<0.001	<b>0.0015</b>	<b>0.0023</b>	<0.01	<0.01	<0.01	<0.01	<0.01
Chloromethane	5	14.4	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chlorotoluene	244	7.64	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlorotoluene	0.95	6.49	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromo-3-chloropropane	1410	0.0359	ND	ND	<0.05	<0.12	<0.025	<0.0025	<0.0025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Dibromochloromethane	51.4	0.932	ND	ND	NA	NA	<0.001	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane	NE	NE	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibromomethane	NE	NE	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dichlorobenzene	12,000	292	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3-Dichlorobenzene	633	6.87	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,4-Dichlorobenzene	21.2	1.64	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dichlorodifluoromethane	21.4	350	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethane	34.2	12.9	0.0335	285 (285)	<b>0.13</b>	0.13	0.17	<b>0.147</b>	0.17	0.134	<b>0.15</b>	0.134	<b>0.143</b>	<b>0.091</b>	<b>0.126</b>	<b>0.0829</b>
1,2-Dichloroethane	8.28	1.29	0.01	0.078 (0.788)	<b>0.28</b>	0.25	0.26	<b>0.186</b>	0.26	<b>0.221</b>	<b>0.247</b>	0.233	<b>0.219</b>	<b>0.128</b>	<b>0.155</b>	<b>0.0924</b>
1,1-Dichloroethene	72.3	74.4	0.203	37.6 (37.6)	0.1	0.16	0.17	0.162	0.24	0.138	0.167	0.132	0.134	0.0725	0.119	0.0532
cis-1,2-Dichloroethene	93.6	23.4	NE	21.5 (21.5)	<b>0.25</b>	0.3	0.72	0.591	1.3	0.856	1.14	0.96	1.19	<b>0.761</b>	1.04	0.653
trans-1,2-Dichloroethene	86.8	34	1.53	30 (30)	<0.05	<0.025	<0.005	<b>0.0134</b>	0.02	<b>0.0038</b>	<b>0.0035</b>	<b>0.0035</b>	<0.01	<0.01	<0.01	<0.01
1,2-Dichloropropane	9.97	1.65	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3-Dichloropropane	NA	NA	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2,2-Dichloropropane	NA	NA	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloropropene	NA	NA	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-1,3-Dichloropropene	5.29	1.09	ND	ND	<0.05	<0.025	<0.005	<0.001	<0.00							

TABLE 2. Summary of Groundwater Sample VOC Analytical Results, Univar USA Inc., Berkeley, Missouri.

	Tier 1 RBTL Vapor <sup>1</sup>	Tier 1 RBTL Dermal <sup>2</sup>	EPA RSL Vapor <sup>3</sup>	EPA J & E Model <sup>4</sup>	MW-9													
					9/23/2008	1/26/2009	5/7/2009	5/7/2009 Dup	12/1/2009	12/1/2009 Dup	5/26/2010	5/26/2010 Dup	12/14/2010	12/14/2010 dup	5/17/2011	5/17/2011 dup	12/21/2011	
Acetone	492,000	36,900	96,400	4010 (4010)	<b>0.411</b>	<b>0.214</b>	<b>0.0567</b>	<b>0.12</b>	<0.1	<0.1	<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.05	
Benzene	9	1.06	0.007	0.171 (1.71)	<0.01	<0.01	<b>0.0017</b>	<0.001	<0.01	0.0011	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
Bromobenzene	NE	NE	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
Bromochloromethane	447	270	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
Bromodichloromethane	12	1.17	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
Bromoform	2,420	11	0.5	2.12 (21.2)	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
Bromomethane	8.78	8.98	ND	ND	<0.01	<0.01	<0.001	<0.001	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
2-Butanone	740,000	12,600	9,520	6960 (6960)	<0.1	<b>0.0116</b>	<0.1	<0.01	<b>0.144</b>	<0.1	<0.1	<0.05	<0.1	<0.1	<0.1	<0.1	<0.05	
n-Butylbenzene	119	3	NE	NE	<0.01	<0.01	<0.01	<0.001	<0.01	<b>0.0011</b>	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
sec-Butylbenzene	84	4	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
tert-Butylbenzene	128	4	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
Carbon disulfide	189	115	5.25	106 (106)	<0.05	<0.05	<0.05	<0.005	<0.05	<b>0.006</b>	<0.05	<0.025	<0.05	<0.05	<0.05	<0.05	<0.025	
Carbon tetrachloride	0.670	0.171	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
Chlorobenzene	178	11.9	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
Chloroethane	25.7	33.1	97.8	0.838 (8.38)	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
Chloroform	2.57	2.11	0.0035	0.062 (0.62)	<b>0.0123</b>	<b>0.0068</b>	<b>0.0083</b>	<0.01	<b>0.0028</b>	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	
Chlormethane	5	14.4	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
2-Chlorotoluene	244	7.64	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
4-Chlorotoluene	0.95	6.49	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
1,2-Dibrom-3-chloropropane	1410	0.0359	ND	ND	<0.025	<0.025	<0.025	<0.0025	<0.025	<0.025	<0.025	<0.0125	<0.025	<0.025	<0.025	<0.025	<0.0125	
Dibromochloromethane	51.4	0.932	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
1,2-Dibromoethane	NE	NE	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
Dibromomethane	NE	NE	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
1,2-Dichlorobenzene	12,000	292	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
1,3-Dichlorobenzene	633	6.87	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
1,4-Dichlorobenzene	21.2	1.64	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
Dichlorodifluoromethane	21.4	350	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
1,1-Dichloroethane	34.2	12.9	0.0335	285 (285)	<b>0.0367</b>	<b>0.095</b>	<b>0.135</b>	<b>0.158</b>	<b>0.132</b>	<b>0.121</b>	<b>0.139</b>	<b>0.143</b>	<b>0.106</b>	<b>0.0974</b>	<b>0.106</b>	<b>0.107</b>	<b>0.0882</b>	
1,2-Dichloroethane	8.28	1.29	0.01	0.078 (0.788)	<0.01	<0.01	<b>0.0011</b>	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.005	
1,1-Dichloroethene	72.3	74.4	0.203	37.6 (37.6)	<0.01	<b>0.0047</b>	<b>0.0057</b>	<b>0.0417</b>	<b>0.0421</b>	<b>0.085</b>	<b>0.0712</b>	<b>0.0404</b>	<b>0.0332</b>	<b>0.0297</b>	<b>0.0272</b>	<b>0.041</b>	<b>0.0319</b>	<b>0.0259</b>
cis-1,2-Dichloroethene	86.8	34	1.53	30 (30)	<b>0.0013</b>	<b>0.0052</b>	<b>0.0024</b>	<b>0.0048</b>	<b>0.0062</b>	<b>0.0058</b>	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
trans-1,2-Dichloroethene	9.97	1.65	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
1,2-Dichloropropane	NA	NA	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	
1,3-Dichloropropane	NA	NA	ND	ND	<0.01	<0.01	<0.01	<0.001	<0.01	<0.01	<							

TABLE 2. Summary of Groundwater Sample VOC Analytical Results, Univar USA Inc., Berkeley, Missouri.

	Tier 1 RBTL Vapor <sup>1</sup>	Tier 1 RBTL Dermal <sup>2</sup>	EPA RSL Vapor <sup>3</sup>	EPA J & E Model <sup>4</sup>	Equipment Blank											
					3/9/2007	6/25/2007	10/15/2007	5/7/2008	9/22/2008	1/26/2009	5/7/2009	12/1/2009	5/26/2010	12/14/2010	5/17/2011	12/21/2011
Acetone	492,000	36,900	96,400	4010 (4010)	<0.005	<0.005	<0.005	<0.01	<b>0.02</b>	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Benzene	9	1.06	0.007	0.171 (1.71)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromobenzene	NE	NE	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromochloromethane	447	270	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromodichloromethane	12	1.17	ND	ND	<0.001	<b>0.003</b>	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromoform	2,420	11	0.5	2.12 (21.2)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Bromomethane	8.78	8.98	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2-Butanone	740,000	12,600	9,520	6960 (6960)	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
n-Butylbenzene	119	3	NE	NE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
sec-Butylbenzene	84	4	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
tert-Butylbenzene	128	4	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Carbon disulfide	189	115	5.25	106 (106)	NA	NA	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	0.670	0.171	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chlorobenzene	178	11.9	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chloroethane	25.7	33.1	97.8	0.838 (8.38)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chloroform	2.57	2.11	0.0035	0.062 (0.62)	<0.001	<b>0.0064</b>	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Chloromethane	5	14.4	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2-Chlorotoluene	244	7.64	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
4-Chlorotoluene	0.95	6.49	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,2-Dibromo-3-chloropropane	1410	0.0359	ND	ND	<0.001	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
Dibromochloromethane	51.4	0.932	ND	ND	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,2-Dibromoethane	NE	NE	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Dibromomethane	NE	NE	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,2-Dichlorobenzene	12,000	292	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,3-Dichlorobenzene	633	6.87	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,4-Dichlorobenzene	21.2	1.64	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Dichlorodifluoromethane	21.4	350	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,1-Dichloroethane	34.2	12.9	0.0335	285 (285)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,2-Dichloroethane	8.28	1.29	0.01	0.078 (0.788)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,1-Dichloroethene	72.3	74.4	0.203	37.6 (37.6)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
cis-1,2-Dichloroethene	93.6	23.4	NE	21.5 (21.5)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
trans-1,2-Dichloroethene	86.8	34	1.53	30 (30)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,2-Dichloropropane	9.97	1.65	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,3-Dichloropropane	NA	NA	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2,2-Dichloropropane	NA	NA	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1,1-Dichloropropene	NA	NA	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
cis-1,3-Dichloropropene	5.29	1.09	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
trans-1,3-Dichloropropene	5.29	1.09	ND	ND	<0.001	<0.001	<0.001	<0.001								

**TABLE 2. Summary of Groundwater Sample VOC Analytical Results, Univar USA Inc., Berkeley, Missouri.**

	Tier 1 RBTL Vapor <sup>1</sup>	Tier 1 RBTL Dermal <sup>2</sup>	EPA RSL Vapor <sup>3</sup>	EPA J & E Model <sup>4</sup>	Trip Blank										
					3/9/2007	6/25/2007	10/15/2007	5/7/2008	9/23/2008	1/26/2009	5/7/2009	12/1/2009	5/26/2010	12/14/2010	5/17/2011
Acetone	492,000	36,900	96,400	4010 (4010)	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	9	1.06	0.007	0.171 (1.71)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene	NE	NE	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	447	270	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	12	1.17	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	2,420	11	0.5	2.12 (21.2)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	8.78	8.98	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone	740,000	12,600	9,520	6960 (6960)	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
n-Butylbenzene	119	3	NE	NE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
sec-Butylbenzene	84	4	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
tert-Butylbenzene	128	4	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Carbon disulfide	189	115	5.25	106 (106)	NA	NA	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	0.670	0.171	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	178	11.9	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	25.7	33.1	97.8	0.838 (8.38)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform	2.57	2.11	0.0035	0.062 (0.62)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	5	14.4	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene	244	7.64	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene	0.95	6.49	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane	1410	0.0359	ND	ND	<0.001	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Dibromochloromethane	51.4	0.932	ND	ND	NA	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromoethane	NE	NE	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	NE	NE	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	12,000	292	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	633	6.87	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	21.2	1.64	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane	21.4	350	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	34.2	12.9	0.0335	285 (285)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	8.28	1.29	0.01	0.078 (0.788)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	72.3	74.4	0.203	37.6 (37.6)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	93.6	23.4	NE	21.5 (21.5)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	86.8	34	1.53	30 (30)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	9.97	1.65	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	NA	NA	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2,2-Dichloropropane	NA	NA	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	NA	NA	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,3-Dichloropropene	5.29	1.09	ND	ND	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	5.29	1.09	ND	ND	<0.001	<0.001	<0.001	<0.001	&lt						

